

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101024\  
 Data File : VU061095.D  
 Acq On : 10 Oct 2024 17:35  
 Operator : MD/SY  
 Sample : P4380-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E27J0

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024  
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 11 08:54:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 11 06:46:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.258          | 114  | 169848     | 5.000   | ug/L   | 0.02     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 156161     | 5.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804         | 152  | 77286      | 5.000   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.592          | 65   | 40461      | 3.332   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 66.600% |        |          |
| 7) Chloroethane-d5            | 1.911          | 69   | 33716      | 3.709   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 74.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.557          | 65   | 18327      | 3.421   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 68.400% |        |          |
| 20) 2-Butanone-d5             | 4.714          | 46   | 114780     | 39.460  | ug/L   | 0.09     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 78.920% |        |          |
| 24) Chloroform-d              | 5.058          | 84   | 85328      | 3.987   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 79.800% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.717          | 65   | 44832      | 3.952   | ug/L   | 0.02     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 79.000% |        |          |
| 32) Benzene-d6                | 5.737          | 84   | 165375     | 4.016   | ug/L   | 0.02     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 80.400% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.695          | 67   | 57442      | 4.248   | ug/L   | 0.01     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 85.000% |        |          |
| 41) Toluene-d8                | 7.897          | 98   | 151331     | 3.932   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 78.600% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.180          | 79   | 22586      | 3.906   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 78.200% |        |          |
| 46) 2-Hexanone-d5             | 8.640          | 63   | 100935     | 42.177  | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 84.360% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749         | 84   | 40848      | 4.119   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 82.400% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 53481      | 4.328   | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 86.600% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 5) Vinyl chloride             | 1.595          | 62   | 7138       | 0.595   | ug/L # | 1        |
| 13) Acetone                   | 2.750          | 43   | 23592m     | 12.611  | ug/L   |          |
| 18) trans-1,2-Dichloroethene  | 3.332          | 96   | 6887       | 0.641   | ug/L   | 88       |
| 22) cis-1,2-Dichloroethene    | 4.653          | 96   | 130320     | 10.883  | ug/L   | 98       |
| 30) Cyclohexane               | 5.377          | 56   | 2123       | 0.105   | ug/L   | 93       |
| 33) Benzene                   | 5.782          | 78   | 28942      | 0.629   | ug/L   | 100      |
| 34) Trichloroethene           | 6.547          | 95   | 128870     | 10.327  | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.762          | 83   | 1543       | 0.077   | ug/L # | 85       |
| 42) Toluene                   | 7.965          | 91   | 1092412    | 22.274  | ug/L   | 99       |
| 47) Tetrachloroethene         | 8.550          | 164  | 2357048    | 290.216 | ug/L   | 95       |
| 52) Ethylbenzene              | 9.566          | 91   | 15058      | 0.271   | ug/L   | 94       |
| 53) m,p-Xylene                | 9.685          | 106  | 34655      | 1.709   | ug/L   | 95       |
| 54) o-Xylene                  | 10.097         | 106  | 16714      | 0.838   | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.081         | 105  | 20565      | 0.451   | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.460         | 105  | 34964      | 0.760   | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 13.836         | 180  | 3515       | 0.294   | ug/L # | 85       |
| 72) 1,2,3-Trichlorobenzene    | 14.322         | 180  | 1677       | 0.169   | ug/L # | 67       |
| -----                         |                |      |            |         |        |          |

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| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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